

Amendments to the Claims:

1. (currently amended) In an integrated event notification system comprised of a plurality of heterogeneous systems, a method for notifying entities of events, each entity associated with a different one of the heterogeneous systems, the method comprising:

detecting an event of a plurality of events, with the detecting of the event including monitoring a system which publishes the plurality of events for occurrence of an the event, wherein occurrence of the event triggers occurrence of at least one additional event resulting from a response to the occurrence of the event;

automatically transmitting, in response to the detecting of the event and without user intervention, a notification to the heterogeneous system associated with a first entity of the event, the first entity having previously registered to receive notification of the event and initiating the response to the occurrence of the event, with the automatically transmitting of the notification to the heterogeneous system associated with the first entity including determining whether the first entity has previously registered to receive notification of the event; and

automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a second entity of the additional event, the second entity initiating a further response to the occurrence of the event.

2. (currently amended) In an integrated event notification system communicably connecting a plurality of entities, a method for notifying entities of travel-related events, the method comprising:

detecting a travel-related event of a plurality of travel-related events, with the detecting of the travel-related event including monitoring a system which publishes the plurality of travel-related events for occurrence of [[a]] the travel-related event, wherein occurrence of the travel-related event triggers occurrence of at least one additional travel-related event resulting from performance of an activity in response to the occurrence of the travel-related event;

automatically transmitting, in response to the detecting of the travel-related event and without user intervention, a notification to a first entity of the travel-related event, the first entity having previously registered to receive notification of the travel-related event and initiating the

activity in response to the notification, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously registered to receive notification of the travel-related event; and

automatically transmitting, without user intervention, a notification to a second entity of the additional travel-related event, the second entity initiating performance of an additional activity in response to occurrence of the travel-related event.

3. (original) The method of claim 1, wherein the second entity initiates a further response in parallel to multiple heterogeneous systems.

4. (original) The method of claim 1, wherein the additional event to the occurrence of the event comprises rebooking a passenger on a different flight.

5. (original) The method of claim 1, wherein the additional event to the occurrence of the event comprises rescheduling ground crew.

6. (original) The method of claim 1, wherein the further response comprises: automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a third entity of the additional event.

7. (original) The method of claim 6, wherein the third entity is registered to receive the notification.

8. (original) The method of claim 1, wherein the notification occurs in real-time.

9. (currently amended) A computer-readable medium containing instructions for controlling a data processing system to perform a method for notifying entities of events, said method comprising the steps of:

detecting an event of a plurality of events, with the detecting of the event including monitoring a system which publishes the plurality of events for occurrence of ~~an~~ the event,

wherein occurrence of the event triggers occurrence of at least one additional event resulting from a response to the occurrence of the event;

automatically transmitting, in response to the detecting of the event and without user intervention, a notification to ~~the heterogeneous system associated with~~ a first entity of the event, the first entity having previously registered to receive notification of the event and initiating the response to the occurrence of the event, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously registered to receive notification of the event; and

automatically transmitting, without user intervention, a notification to ~~the heterogeneous system associated with~~ a second entity of the additional event, the second entity initiating a further response to the occurrence of the event.

10. (currently amended) A data processing system for notifying entities of events, comprising,

a memory having program instructions; and

a processor responsive to the program instructions ~~to~~ for:

detecting a travel-related event of a plurality of travel-related events, with the detecting of the travel-related event including monitoring a system which publishes the plurality of travel-related events for occurrence of [[a]] the travel-related event, wherein occurrence of the travel-related event triggers occurrence of at least one additional travel-related event resulting from performance of an activity in response to the occurrence of the travel-related event;

automatically transmitting, in response to the detecting of the travel-related event and without user intervention, a notification to a first entity of the travel-related event, the first entity having previously registered to receive notification of the travel-related event and initiating the activity in response to the notification, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously registered to receive notification of the travel-related event; and

automatically transmitting, without user intervention, a notification to a second entity of the additional travel-related event, the second entity initiating performance of an additional activity in response to occurrence of the travel-related event.

11. (new) The method of claim 1, wherein the heterogeneous system associated with the second entity does not monitor for the occurrence of the event or the additional event.

12. (new) The method of claim 1, wherein the heterogeneous system associated with the second entity is a non-listening-receiving system.

13. (new) The method of claim 1, wherein the automatically transmitting of the notification to the heterogeneous system associated with the second entity includes determining whether the second entity has previously registered to receive notification of the additional event.

14. (new) The method of claim 13, wherein:  
the first entity having previously registered to receive notification of the event comprises  
the first entity having previously registered to receive notification of a first type of events,  
the second entity has previously registered to receive notification of a second type of events, and  
the first type of events is different from the second type of events.

15. (new) The method of claim 14, wherein:  
the first type of events is generic information, with the generic information including information about a flight being delayed or a baggage claim being changed for an entire flight,  
the second type of events is individual information, with the individual information including information about a person having been rebooked on a particular flight.

16. (new) The method of claim 2, wherein the automatically transmitting of the notification to the second entity includes determining whether the second entity has previously registered to receive notification of the additional travel-related event.

17. (new) The method of claim 16, wherein:

the first entity having previously registered to receive notification of the travel-related event comprises the first entity having previously registered to receive notification of a first type of events,

the second entity has previously registered to receive notification of a second type of events, and

the first type of events is different from the second type of events.

18. (new) The method of claim 17, wherein:

the first type of events is generic information, with the generic information including information about a flight being delayed or a baggage claim being changed for an entire flight,

the second type of events is individual information, with the individual information including information about a person having been rebooked on a particular flight.

19. (new) The medium of claim 9, wherein the automatically transmitting of the notification to the second entity includes determining whether the second entity has previously registered to receive notification of the additional event.

20. (new) The system of claim 10, wherein the automatically transmitting of the notification to the second entity includes determining whether the second entity has previously registered to receive notification of the additional travel-related event.